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(iii) ANTI-SENSE: NO

RAW SEQUENCE LISTING PATENT APPLICATION US/09/638,693

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This Raw Listing contains the General Information Section and up to the first 5 pages.

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SEQUENCE LISTING 1 234 CENTER 1600/2800 2 General Information: (1) (i) APPLICANT: --> 6 (A) NAME: Innogenetics sa. (B) STREET: Industriepark Zwijnaarde 7, box 4 7 (C) CITY: Ghent 8 9 (E) COUNTRY: Belgium (F) POSTAL CODE (ZIP): B-9052 10 (G) TELEPHONE: 00 32 9 241 07 11 11 (H) TELEFAX: 00 32 9 241 07 99 12 --> 13 (ii) TITLE OF INVENTION: New sequences of hepatitis C virus 14 15 genotypes for diagnosis, prophylaxis and therapy. 16 (iii) NUMBER OF SEQUENCES: 270 17 18 (v) COMPUTER READABLE FORM: 19 20 (A) MEDIUM TYPE: Floppy disk (B) COMPUTER: IBM PC compatible 21 22 (C) OPERATING SYSTEM: PC-DOS/MS-DOS (D) SOFTWARE: PatentIn Release #1.0, Version #1.25 (EPO) 23 24 (vi) CURRENT APPLICATION DATA: 25 (A) APPLICATION NUMBER: 09/638,693 26 (B) FILING DATE: 2000-08-15 27 28 (vii) PRIOR APPLICATION DATA: 29 (A) APPLICATION NUMBER: 08/362,455 30 (B) FILING DATE: 1995-01-11 31 32 33 (2) INFORMATION FOR SEQ ID NO: 1: 34 (i) SEQUENCE CHARACTERISTICS: 35 (A) LENGTH: 213 base pairs 36 (B) TYPE: nucleic acid 37 (C) STRANDEDNESS: single 3.8 (D) TOPOLOGY: linear 39 40 (ii) MOLECULE TYPE: cDNA 41 **ENTERED** 42 (iii) HYPOTHETICAL: NO 43

RAW SEQUENCE LISTING PATENT APPLICATION US/09/638,693

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55								~~~	~~~	~~=						~~~	. 40
56		ACG															. 48
57		Thr	GIu	Arg		Tyr	Cys	GIY	GIY		met	Pne	Asn	ser		GIY	
58	1				5					10					15		
59	000	CAG	mam	aam	mam	000	aaa	maa	аст	cca	N C/III	CCA	CMM	CTC	COM	700	96
60																	96
61 62	Ald	Gln	Cys	20	IAT	Arg	Arg	Cys	25	Ala	261	GIY	vai	30	PLO	1111	
63				20					23					50			
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65		Phe															222
66	Der	1110	35	no	1111			40	-1-		_,,		45				
67			7.5														
68	AGG	GCC	GCA	GGC	CTC	CGG	AAC	CCG	GAC	TTT	CTT	GTC	TGC	GGA	GAT	GAT	192
69		Ala															
70	-	50		•		_	55		-			60	-	_	_	_	
71																	
72	CTG	GTC	GTG	GTG	GCT	GAG	AGT										213
73																	
74																	
75																	
76		Val	Val	Val	Ala		Ser										
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89		` '							_								
90	Leu	Thr	Glu	Arq	Leu	Tyr	Cys	Gly	Gly	Pro	Met	Phe	Asn	Ser	Lys	Gly	
91	1			_	5	-	-	-	-	10					15	-	
92																	
93	Ala	Gln	Сув	Gly	Tyr	Arg	Arg	Cys	Arg	Ala	Ser	Gly	Val	Leu	Pro	Thr	
94				20					25					30			
95																	
96	Ser	Phe	_	Asn	Thr	Ile	Thr		Tyr	Ile	Lys	Ala		Ala	Ala	Ala	
97			35					40					45				
98	_					_				-1	- .		۵.	- 2			
99	Arg	Ala	Ala	GLY	Leu	Arg	Asn	Pro	Asp	Pne	ьeu	vaı	cys	GTA	Asp	Asp	

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102	Leu	Val	Val	Val	Ala	Glu	ser										
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105	(2)	INF	ORMA	TION	FOR	SEQ	ID :	NO:	3:								
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107		(i) SE	QUEN	CE C	HARA	CTER	ISTI	CS:								
108			(.	A) L	ENGT	H: 2	13 b	ase	pair	s							
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113		(ii) MO	LECU:	LE T	YPE:	CDN	A			-						
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115		(vii) IM	MEDI	ATE :	SOUR	CE:										
116			(B) C	LONE	: BR	36-2	3-18									
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118		(ix) FE	ATUR	€:												
119						KEY:											
120			(1	B) L	OCAT.	ION:	1	213									
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122		(xi) SE	QUEN	CE D	ESCR:	IPTI	ON:	SEQ	ID N	0: 3	:					
123																	
124																GGG	48
125		Thr	Glu	Arg		Tyr	Сув	Gly	Gly		Met	Phe	Asn	Ser	-	Gly	
126	1				5					10					15		
127																	
128									CGT								96
129	Ala	Gln	Cys	-	Tyr	Arg	Arg	Cys	Arg	Ala	ser	GIA	Val		Pro	Thr	
130				20					25					30			
131												~~~		~~~	~~-	~~-	
132									TAC								144
133	ser	Pne	-	Asn	Thr	тте	Thr	-	Tyr	тте	гля	Ala		Ala	Ата	Ala	
134			35					40					45				
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136									GAC								192
137	Arg		AIA	GIY	Leu	Arg	ASI 55	Pro	Asp	Pne	ьeu		Cys	GIY	Asp	Asp	
138 139		50					22					60					
140	CITIC	GTC	CITIC	CITIC!	COT	CAC	አረጥ										213
141		Val															213
142	65	vai	vai	Val	MIG	70	Ser										
143	0.5					70											
144	(2)	INFO	יבשפר	TON	FOR	SEO	TD I	٠. م <u>ر</u>	1.								
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RAW SEQUENCE LISTING PATENT APPLICATION US/09/638,693

DATE: 08/25/2003 TIME: 10:01:20

153 154		(xi) SE	QUEN	CE D	ESCR:	IPTI	ON:	SEQ	ID N	0: 4	:					
155	Leu	Thr	Glu	Ara	Leu	Tyr	Cvs	Glv	Glv	Pro	Met	Phe	Asn	Ser	Lvs	Glv	
156	1			5	5	-1-	-1-	1	1	10					15	1	
157																	
158	Ala	Gln	Cys	Gly	Tyr	Arg	Arg	Cys	Arg	Ala	Ser	Gly	Val	Leu	Pro	Thr	
159				20					25					30			
160																	
161	Ser	Phe	Gly	Asn	Thr	Ile	Thr	Cys	Tyr	Ile	Lys	Ala	Thr	Ala	Ala	Ala	
162			35					40					45				
163														_			
164	Arg		Ala	Gly	Leu	Arg		Pro	Asp	Phe	Leu		Cys	Gly	Asp	Asp	
165		50					55					60					
166		7	7		.1.	~1	~										
167		vai	vai	vai	Ата	Glu	ser										
168	65					70											
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184		(vii)				SOUR											
185			(1	3) CI	LONE	: BR	36-23	3-18									
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193	CTC	ACG	CAC	ccc	СТТ	ТΔС	TCC	ccc	ccc	CCT	ΔTG	ттт	ΔΔα	AGC	AAG	GGG	48
194						Tyr											
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197	GCC	CAG	TGT	GGT	TAT	CGC	CGT	TGC	CGT	GCC	AGT	GGA	GTT	CTG	CCT	ACC	96
198						Arg											
199			•	20	-	_	_	-	25			_		30			
200																	
201						ATC											144
202	Ser	Phe	Gly	Asn	Thr	Ile	Thr	Cys	Tyr	Ile	Lys	Ala	Thr	Ala	Ala	Ala	
203			35					40					45				
204																	
205	AAA	GCC	GCA	GGC	CTC	CGG	AGC	CCG	GAC	TTT	CTT	GTC	TGC	GGA	GAT	GAT	192

RAW SEQUENCE LISTING PATENT APPLICATION US/09/638,693

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206	Lys	Ala	Ala	Gly	Leu	Arg	Ser	Pro	Asp	Phe	Leu	Val	Cys	Gly	Asp	Asp	
207	=	50		_			55					60					
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211			GTG														213
212	Leu	Val	Val	Val	Ala	Glu	Ser										
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229																	
230	Ala	Gln	Cys	Gly	Tyr	Arg	Arg	Cys	Arg	Ala	Ser	Gly	Val	Leu	Pro	Thr	
231				20					25					30			
232																	
233	Ser	Phe	Glv	Asn	Thr	Ile	Thr	Cvs	Tvr	Ile	Lys	Ala	Thr	Ala	Ala	Ala	
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239		Val	Val	Val	Ala		ser										
240	65					70											
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SEQUENCE VERIFICATION REPORT PATENT APPLICATION US/09/638,693

DATE: 08/25/2003 TIME: 10:01:20

Line	Error	Original Text
5	Mandatory Value Not Present	(i) APPLICANT:
6	Unknown or Misplaced Identifier	(A) NAME: Innogenetics sa.
7	Unknown or Misplaced Identifier	(B) STREET: Industriepark Zwijnaarde 7, box 4
8	Unknown or Misplaced Identifier	(C) CITY: Ghent
9	Unknown or Misplaced Identifier	(E) COUNTRY: Belgium
10	Unknown or Misplaced Identifier	(F) POSTAL CODE (ZIP): B-9052
11	Unknown or Misplaced Identifier	(G) TELEPHONE: 00 32 9 241 07 11
12	Unknown or Misplaced Identifier	(H) TELEFAX: 00 32 9 241 07 99

SEQUENCE MISSING ITEM REPORT PATENT APPLICATION US/09/638,693

DATE: 08/25/2003 TIME: 10:01:20

INPUT SET: S37017.raw

ADDRESSEE STREET CITY STATE COUNTRY ZIP CORRESPONDENCE ADDRESS CLASSIFICATION

SEQUENCE CORRECTION REPORT PATENT APPLICATION US/09/638,693

DATE: 08/25/2003 TIME: 10:01:20

Line	Original Text	Corrected Text
4029	(C) INDIVIDUAL ISOLATE: BR33 and BR36	(C) INDIVIDUAL ISOLATE: BR33 and BR36
4053	(C) INDIVIDUAL ISOLATE: HD10	(C) INDIVIDUAL ISOLATE: HD10
4078	(C) INDIVIDUAL ISOLATE: BR36	(C) INDIVIDUAL ISOLATE: BR36
4102	(C) INDIVIDUAL ISOLATE: BR36	(C) INDIVIDUAL ISOLATE: BR36
4129	(C) INDIVIDUAL ISOLATE: HD10	(C) INDIVIDUAL ISOLATE: HD10
4180	(C) INDIVIDUAL ISOLATE: BR36	(C) INDIVIDUAL ISOLATE: BR36
4207	(C) INDIVIDUAL ISOLATE: HD10	(C) INDIVIDUAL ISOLATE: HD10
5297	(C) INDIVIDUAL ISOLATE: GB358	(C) INDIVIDUAL ISOLATE: GB358
5319	(C) INDIVIDUAL ISOLATE: GB549	(C) INDIVIDUAL ISOLATE: GB549
5341	(C) INDIVIDUAL ISOLATE: GB809	(C) INDIVIDUAL ISOLATE: GB809
5362	(C) INDIVIDUAL ISOLATE: GB358	(C) INDIVIDUAL ISOLATE: GB358
5385	(C) INDIVIDUAL ISOLATE: GB549	(C) INDIVIDUAL ISOLATE: GB549
5406	(C) INDIVIDUAL ISOLATE: GB809	(C) INDIVIDUAL ISOLATE: GB809
5428	(C) INDIVIDUAL ISOLATE: GB358	(C) INDIVIDUAL ISOLATE: GB358
5451	(C) INDIVIDUAL ISOLATE: GB549	(C) INDIVIDUAL ISOLATE: GB549
5473	(C) INDIVIDUAL ISOLATE: GB809	(C) INDIVIDUAL ISOLATE: GB809
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5516	(C) INDIVIDUAL ISOLATE: GB549	(C) INDIVIDUAL ISOLATE: GB549
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5559	(C) INDIVIDUAL ISOLATE: GB358 and GB809	(C) INDIVIDUAL ISOLATE: GB358 and GB809
5582	(C) INDIVIDUAL ISOLATE: GB549	(C) INDIVIDUAL ISOLATE: GB549
5604	(C) INDIVIDUAL ISOLATE: GB549	(C) INDIVIDUAL ISOLATE: GB549